Listing of Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

1. – 9. (Cancelled)

10. (Currently Amended) A method of managing the blood glucose concentration of a host, said method comprising:

(a) automatically measuring the glucose concentration of the host a plurality of times over a predetermined time period and according to a predetermined schedule;

(b) comparing said plurality of glucose concentration measurements to a reference pattern of glucose concentrations; ~~and~~

(c) administering insulin to said host in response to said comparison of ~~measurements.~~ measurements; and

(d) modifying said predetermined schedule subsequent to administering insulin to said host in response to said comparison of measurements.

11. (Previously Presented) The method of claim 10, wherein said step (b) is performed automatically without human intervention.

12. (Previously Presented) The method of claim 11, wherein said step (c) is performed automatically without human intervention.

13. (Previously Presented) The method of claim 10, further comprising repeating steps (a) and (b).

14. (Currently Amended) The method of claim 10, wherein said steps (a) and (b) are ~~preformed~~ performed by a device worn on the host, wherein said device comprises a plurality of single-use glucose measurement means.

15. (Previously Presented) The method of claim 14, wherein said step (c) is performed by said device.

16. (Previously Presented) The method of claim 14, wherein said plurality of single-use glucose measurement means is provided within a removable cartridge.

17. (Cancelled)

18. (Currently Amended) The method of claim 10, ~~claim 17,~~ wherein said modifying said predetermined schedule ~~scheduling mode~~ comprises increasing the frequency of measurements of said step (a).

19. (Previously Presented) The method of claim 10, wherein said measurements are made in situ.

20. (Previously Presented) The method of claim 10, wherein said measurements are made ex vivo.